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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
P O. BOX 217 — 25 SOUTH EWING
HELENA, MONTANA 59601

Vol. XXVIII No. 7 — JULY, 1979

PRODUCTION STATUS

Production of crude oil and condensate from oil and gas areas of Montana for the month of July, 1979, averaged 82,449 barrels daily, a decrease of 845 barrels from the average 83,294 production in June, 1979.

The six refineries in the state processed 139,037 barrels of crude oil daily for the month of July, 1979, a decrease of 7,685 barrels from the 146,722 barrels processed daily during the month of June, 1979.

During July, 41 wells were completed, 0 oil, 15 gas, and 26 dry holes.

During July, the board issued 102 permits to drill new wells, a decrease of 20 from the 122 permits issued during June, 1979.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JULY, 1979

IN STORAGE: JULY 1st.	
By Producers	397,439
By Transporters	1,478,422
By Refiners	906,150
TOTAL STORAGE	2,782,011
Produced in Mont. During Month	2,555,932
Imported During Month	3,672,253
TOTAL	9,010,196
DISPOSITION	
Refined in Montana	4,310,135
Exported	1,789,060
Used For Fuel or Lost	11,320
TOTAL	6,110,515
IN STORAGE: JULY 31st.	
By Producers	397,587
By Transporters	1,425,954
By Refiners	1,076,140
TOTAL STORAGE	2,899,681

REFINERS MONTHLY REPORT JULY, 1979

Company	Beginning Storage	Montana Oil	N. Dakota Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Continental Oil Co.	214,970	252,716	—	315,809	907,852	1,481,906	208,813
Exxon Company	273,705	53,483	—	1,023,494	296,029	1,382,792	263,919
Farmers Union	362,147	71,550	—	560,628	506,475	946,349	554,451
Kenco Refining	25,868	116,809	—	—	—	125,347	17,330
Philips Petroleum	5,020	137,447	—	—	61,966	197,155	7,278
Wesco Refining Co.	24,440	176,495	—	—	—	176,586	24,349
Totals	906,150	808,500	—	1,899,931	1,772,322	4,310,135	1,076,140

AVERAGE BARRELS RECEIVED PER DAY

	Montana	N. Dakota	Wyoming	Canada	Total
Year, 1978	24,240	190	47,982	58,545	130,957
July, 1978	26,704	109	42,314	63,357	132,484
July, 1979	26,081	—	61,288	57,172	144,541

PERCENTAGE OF CRUDE OIL RECEIVED

	Montana	N. Dakota	Wyoming	Canada
Year, 1978	18.51%	.14%	36.64%	44.71%
July, 1978	20.16%	.08%	31.94%	47.82%
July, 1979	18.04%	.00%	42.40%	39.56%

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PRODUCERS' REPORT — MONTH OF JULY, 1979

Leases	Field	No of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Anvil	1	1,668	12,176	12,543	—	1,301
5	Arch Apex	6	1,649	2,522	2,236	—	1,935
2	Ash Creek	3	407	765	764	—	408
—	Bainville	—	3,204	—	—	—	3,204
1	Bainville, West	1	1,100	905	947	—	1,058
5	Bannatyne	11	458	541	665	—	334
6	Bears Den	7	2,190	954	897	—	2,247
15	Bell Creek	160	15,516	451,101	451,704	1,830	13,083
—	Benrud	—	326	—	202	—	124
3	Benrud, East	3	1,632	6,123	6,148	—	1,607
1	Benrud, Northeast	1	832	985	520	—	1,297
1	Berthelote	1	211	84	—	—	295
2	Big Gully	2	354	625	682	—	297
1	Big Gully, North	1	175	579	212	—	542
2	Big Muddy Creek	2	1,915	4,966	5,318	—	1,563
5	Big Wall	14	1,136	9,818	9,936	—	1,018
1	Big Wall, North	1	76	75	—	—	151
1	Blackfoot	6	388	1,510	1,189	—	709
1	Blue Hill	1	1,176	1,590	1,466	—	1,300
6	Border	10	876	1,037	976	—	937
1	Boulder	1	714	840	416	—	1,138
1	Bowes	1	5,383	11,960	13,431	—	3,912
2	Bradley	2	696	617	800	—	513
1	Brady	1	—	233	233	—	—
2	Breed Creek	5	1,184	13,504	13,536	—	1,152
4	Brorson-Madison	4	1,600	2,572	2,774	—	1,398
3	Brorson-Red River	3	5,549	2,527	3,173	—	4,903
4	Brorson-Red River, South	4	2,651	7,293	6,895	—	3,049
4	Brorson, Southeast	4	1,201	2,612	2,452	—	1,361
4	Brush Lake	4	1,058	6,551	6,757	—	852
2	Burns Creek	2	713	515	447	—	781
2	Cabin Creek	81	—	133,991	133,991	—	—
2	Canal	2	943	1,769	1,512	—	1,200
2	Carlyle	2	665	5,191	5,663	—	193
10	Cat Creek	61	2,692	7,997	8,645	—	2,044
2	Charlie Creek	2	1,086	12,782	12,525	—	1,343
—	Clark's Fork	—	26	—	—	—	26
2	Clark's Fork, North	2	578	455	—	—	1,033
1	Clark's Fork, South	1	622	159	—	—	781
6	Clear Lake	9	3,249	16,975	15,656	—	4,568
1	Colored Canyon	1	423	5,248	5,231	—	440
—	Conrad, South	—	90	—	—	—	90
1	Cow Creek	1	278	410	418	—	270
9	Cow Creek, East	11	4,241	10,778	11,008	—	4,011
—	Crane	—	854	—	854	—	—
2	Culbertson	2	1,596	5,652	5,925	—	1,323
7	Cupton	10	4,585	8,609	7,540	—	5,654
68	Cut Bank	708	34,847	127,244	128,600	59	33,432
1	Dagmar	2	773	7,265	7,123	—	915
1	Dean Dome	1	444	383	304	—	523
1	Deer Creek	1	705	504	939	—	270
—	Delphia	—	129	—	—	—	129
—	Devils Basin	—	114	—	—	—	114
6	Dry Creek	6	509	1,328	1,282	—	555
1	Dry Creek, West	1	417	550	545	—	422
2	Dwyer	10	3,822	12,319	12,142	—	3,999
2	Eagle	2	1,129	2,074	2,439	—	764
3	Elk Basin	54	522	86,548	86,542	—	528
2	Elk Basin, Northwest	4	1,536	1,096	1,226	—	1,406
1	Enid, North	1	1,228	2,513	3,049	—	692
4	Fairview	8	7,423	17,400	16,659	—	8,164
1	Fertile Prairie	1	504	650	650	—	504
4	Flat Coulee	21	1,679	12,844	12,616	—	1,907
7	Flat Lake	48	1,749	47,446	46,449	—	2,746
4	Flat Lake, South	4	1,262	2,922	3,102	—	1,082
2	Fort Gilbert	3	887	3,198	3,161	—	924
1	Four Mile Creek	1	676	1,590	1,630	—	636
2	Four Mile Creek, West	2	1,430	6,369	4,891	—	2,908
1	Fox Creek	1	598	2,788	2,766	—	620
1	Fox Creek, North	1	1,290	1,607	1,380	—	1,517
1	Frannie	1	—	774	774	—	—
11	Fred and George Creek	36	4,745	29,170	28,226	—	5,689
1	Frog Coulee	1	307	4,567	4,303	—	571
1	Froid, South	1	650	145	332	—	463
1	Gage	1	44	170	174	—	40
3	Gas City	12	4,332	8,568	12,219	—	681
—	Girard	—	1,275	—	—		1,275
11	Glendive	14	2,390	15,759	17,082		1,067
—	Golden Dome	—	331	—	—		331
10	Goose Lake	31	3,616	19,578	19,359	—	3,835
9	Graben Coulee	24	3,961	3,147	3,022	2	4,084
1	Grandview, East	1	383	209	464	—	128
2	Gumbo Ridge	4	517	3,228	3,010	—	735
4	Gypsy Basin	8	862	1,112	660	4	1,310
1	Hay Creek-Mission	1	342	743	703	—	382
2	Hay Creek-Red River	2	1,788	1,995	1,926	—	1,857
4	Hiawatha	4	1,215	3,164	2,444	—	1,935
1	Hibbard	1	917	145	—	—	1,062
9	High Five	15	3,980	17,124	17,814	9	3,281
1	Highview	1	17	7	—	—	24
—	Horse Creek	—	352	—	—	—	352
2	Howard Coulee	2	690	1,856	1,427	—	1,119
4	Ivanhoe	10	714	2,407	1,827		1,294
—	Jackass Butte	—	514	—	—		514
2	Jim Coulee	15	2,346	17,440	16,776	—	3,010
6	Keg Coulee	18	6,293	7,496	8,376	40	5,373
3	Keg Coulee, North	3	795	1,518	1,068	7	1,238
1	Kelley	3	238	763	429	—	572
109	Kevin Sunburst	531	14,768	30,322	31,414	7	13,669
1	Laird Creek	9	696	1,759	1,455	—	1,000
4	Leary	4	2,113	1,458	1,266	17	2,288
2	Little Beaver	23	402	35,105	35,105	—	402
2	Little Beaver, East	10	2,096	11,313	11,623	—	1,786
14	Little Wall Creek	19	5,159	19,144	19,302	91	4,910
1	Lodge Grass	1	795	490	805	—	480

PRODUCERS' REPORT — MONTH OF JULY, 1979 — (CONTINUED)

Leases	Field	No of Wells	Storage First of Month	Oil Produced	Oil Shipped	Used or Lost	Storage End of Month
1	Lone Butte	1	751	2,581	2,868	—	464
6	Lonetree Creek	7	4,703	19,054	20,065	—	3,692
1	Long Creek	1	340	483	499	—	324
2	Long Creek, West	2	959	4,200	4,360	—	799
3	Lookout Butte (Coral Creek)	31	900	55,180	54,880	—	1,200
8	Mason Lake	12	1,060	14,213	13,455	—	1,818
1	Mason Lake, North	1	213	175	212	—	176
1	McCabe	1	175	2,157	1,891	—	441
2	Medicine Lake	3	1,857	15,657	15,387	—	2,127
5	Melstone	9	1,581	10,966	10,776	—	1,771
1	Mineral Bench	1	566	810	810	—	566
2	Miners Coulee	2	1,272	275	1,198	—	349
20	Mon Dak West	20	13,792	77,245	76,392	—	14,645
9	Monarch	13	3,396	10,387	10,015	—	3,768
3	Mosser	10	—	548	548	—	—
1	Nohly	2	746	3,967	4,267	—	446
1	North Fork	2	1,327	3,143	3,996	—	474
4	Otis Creek	4	1,831	2,074	1,466	—	2,439
4	Outlook	4	2,441	16,346	16,833	—	1,954
1	Outlook, South	1	860	647	869	—	638
1	Outlook, West	1	1,665	343	356	—	1,652
1	Oxbow	1	855	6,248	5,816	—	1,287
1	Pelican	1	187	1,597	1,044	—	740
1	Pennel	114	845	267,424	267,345	—	924
1	Pete Creek	1	218	316	396	—	138
2	Phantom	3	1,062	1,950	1,488	—	1,524
4	Pine	96	13,541	183,274	183,103	—	13,712
1	Pine, East	1	531	300	402	—	429
67	Pondera	290	9,666	26,429	28,587	—	7,508
1	Pondera Coulee	1	—	211	211	—	—
6	Poplar	68	6,187	21,001	19,718	—	7,470
11	Poplar, Northwest	16	3,378	10,788	10,155	—	4,011
1	Prairie Elk	1	1,500	417	1,291	—	626
1	Prichard Creek	4	918	370	694	—	594
1	Putnam	2	237	2,772	2,652	—	357
8	Putnam, East	8	3,843	28,017	28,552	—	3,308
2	Rabbit Hills	2	1,911	3,925	3,350	—	2,486
9	Ragged Point	23	4,365	5,021	5,017	—	4,369
2	Rattler Butte	2	460	1,380	1,503	—	337
2	Rattlesnake Coulee	2	837	233	—	—	1,070
1	Raymond	4	2,086	18,843	19,265	—	1,664
1	Raymond, Northeast	1	888	1,286	1,698	—	476
3	Reagon	47	772	20,670	21,314	—	128
1	Red Creek	19	—	6,904	6,904	—	—
1	Red Fox	1	144	244	224	—	164
1	Redstone	1	91	222	—	—	313
1	Repeat	1	286	779	823	—	242
4	Reserve	4	1,835	4,263	3,565	—	2,533
1	Richey	1	461	504	445	—	520
1	Richey, Southwest	4	820	643	862	—	601
1	Ridgelawn	1	587	2,540	2,758	—	369
2	RipRap Coulee	2	903	1,348	1,430	—	821
1	Rocky Point	1	516	385	351	—	550
1	Roscoe Dome	1	—	227	147	—	80
4	Rosebud	4	923	1,791	1,487	—	1,227
1	Rudyard	1	413	76	231	—	258
1	Rush Mountain	1	373	1,739	1,559	—	553
2	Salt Lake	3	406	1,959	1,876	—	489
2	Sand Creek	4	318	2,121	2,121	—	318
4	Second Creek	4	1,860	6,833	7,570	—	1,123
2	Sheepherder	2	351	132	—	—	483
1	Shotgun Creek, North	1	318	1,440	1,570	—	188
13	Sidney	13	5,013	20,170	19,592	—	5,591
1	Singletree	1	541	6,320	5,693	—	1,168
7	Sioux Pass	7	4,773	13,331	13,564	—	4,540
1	Sioux Pass, East	1	55	83	—	—	138
4	Sioux Pass, Middle	4	3,206	15,197	15,886	—	2,517
6	Sioux Pass, North	6	3,934	16,292	15,283	—	4,943
1	Snyder	3	956	484	800	—	640
9	Soap Creek	23	744	4,259	3,809	—	1,194
2	Soap Creek, East	3	935	1,258	1,574	—	619
3	South Fork	3	1,974	13,143	14,047	—	1,070
1	Spring Lake	1	1,260	777	897	—	1,140
1	Stensvad	3	3,171	759	—	—	3,930
30	Sumatra	99	9,785	117,846	116,270	45	11,316
3	Sunnyhill	3	856	1,591	1,565	—	882
—	Tippy Buttes	—	56	—	—	—	56
5	Tule Creek	5	4,539	10,840	13,128	—	2,251
1	Tule Creek, East	1	1,102	885	896	—	1,091
1	Tule Creek, South	1	1,037	261	426	—	872
3	Utopia Swift	11	681	5,560	5,048	—	1,193
12	Vaux	12	7,466	26,021	25,888	—	7,599
—	Vida	—	202	—	—	—	202
5	Volt	6	3,824	6,772	8,248	—	2,348
1	Wagon Box	1	277	38	—	—	315
1	Weed Creek	1	255	10	—	—	265
3	Weldon	3	1,152	1,165	662	—	1,655
1	West Butte	1	436	607	704	—	339
27	Whitlash	40	11,015	14,303	12,016	—	13,302
1	Whitlash, West	1	342	333	259	—	416
2	Willow Creek, North	2	566	663	763	—	468
1	Willow Ridge	3	—	385	385	—	—
3	Wills Creek, South	3	—	3,150	3,150	—	—
2	Winnett Junction	6	501	7,886	7,927	—	460
3	Wolf Springs	3	1,667	2,077	2,722	—	1,022
—	Womans Pocket	—	271	—	—	—	271
2	Woodrow	2	1,368	605	1,466	—	507
2	Wright Creek	3	1,129	840	442	—	1,527
—	Wildcat, McCone County	—	52	—	—	—	52
10	Wildcat, Richland County	10	4,484	30,064	27,164	—	7,384
3	Wildcat, Sheridan County	3	1,003	19,974	17,565	—	3,412
—	Wildcat, Toole County	—	200	—	—	—	200
880	TOTALS	3293	397,439	2.555,932	2,553,673	2,111	397,587

See back page for oil production, shipping and storage summaries.

NATURAL AND ASSOCIATED GAS WITHDRAWALS IN MONTANA AT 14.73 PSIA AND 60°F.—MONTH OF JULY, 1979

Field	MC. FT.
NATURAL:	
Alma	741
Arch Apex	10,890
Badlands	33,130
Battle Creek	223,587
Bear's Den	4,103
Big Coulee	54,212
Big Rock	32,961
Black Coulee	3,386
Blackjack	19,796
Bowdoin & Area	375,183
Bowes	85,868
Brown's Coulee	1,039
Bullwacker & Area	67,929
Canadian Coulee & Area	62,072
Cedar Creek	142,112
Chain Lakes	3,129
Chip Creek	2,171
Clark's Fork, North	386
Coal Coulee	5,041
Cut Bank	128,927
Dry Creek	97,604
Dry Creek, Middle	3,154
Dunkirk North	30,569
East Chinook	2,588
Flat Coulee	3,727
Fred & George	19,324
Fresno & Area	7,010
Gold Butte	28
Grandview	13,097
Gypsy Basin	41,038
Hardin	3,776
Haystack Butte	13,697
Highview	4,800
Keith Block	28,215
Kevin Sunburst	31,800
Kevin Sunburst Nisku & Area	24,691
Kicking Horse	13,036
Kinyon Coulee Area	4,758
Lake Basin	9,680
Ledger	25,352
Leroy	97,704
Liscom Creek	17,185
Lohman	10,533
Marias River	38,588
Middle Butte	7,882
Miners Coulee	6,615
Mt. Lilly	3,155
Phantom	58,232
Plevna	2,521
Prairie Dell	53,005
Pumpkin Creek	20,807
Rapelje	15,169
Rocky Boy Area	9,610
Rudyard	16,755
Sage Creek	865
Sawtooth Mountain & Area	58,503
Sherard	69,230
Snoose Coulee	7,692
South Devon	11,911
Strawberry Creek Area	3,926
Swanson Creek	3,650
Three Mile	1,400
Tiger Ridge	1,252,476
Trail Creek	0
Utopia	0
West Butte	0
Whitlash	89,457
Willow Ridge	17,817
TOTAL NATURAL GAS	3,509,295

Field	MC. Ft.
ASSOCIATED:	
Bell Creek	42,402
Big Muddy Creek	1,790
Blue Hill	1,763
Cabin Creek	17,026
Charlie Creek	—
Clark's Fork South	10,241
Culbertson	9,646
Eagle	537
Elk Basin	8,419
Fairview	23,341
Four Mile Creek	1,401
Four Mile Creek, West	5,209
Glendive	122
Lookout Butte (Coral Creek)	3,720
Mon Dak West	38,039
Otis Creek	1,211
Pennel	7,804
Pine	10,922
Richland	61,137*
Single Tree	8,216
Single Pass	21,232
Sioux Pass, East	—
Sioux Pass, Middle	8,489
Sioux Pass, North	15,556
Sumatra	—
Tule Creek	505
Vaux	—
TOTAL ASSOCIATED GAS	298,728
TOTAL WITHDRAWALS	3,808,023

Total withdrawals for July, 1978 were 3,465,298 MCF.

*Includes such fields as Benrud, Brorson, Ft. Gilbert, Hay Creek, Lone Butte, Lone Tree, Red Fox & Second Creek.

Total oil produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1978	30,467,337	83,472	30,316,941	83,060
1st Quarter, 1979	6,992,797	77,698	7,014,545	77,939
2nd Quarter, 1979	7,450,412	81,873	7,448,554	81,852
July, 1979	2,555,932	82,449	2,553,673	82,377

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners' Storage	Total In Storage
December	428,559	1,432,743	935,266	2,796,568
March, 1979	403,818	1,425,052	860,312	2,689,182
June, 1979	397,439	1,478,422	906,150	2,782,011
July, 1979	397,587	1,425,954	1,076,140	2,899,681